Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 26 Feb 2024 until 23:59 on Tuesday 27 Feb 2024

Forecast Issued on Sunday 25 Feb 2024 at 11:36

Confidence: High for mainly dry but cold weather on Monday then generally high for the rest of the week with conditions turning increasingly unsettled. Lower for exact timings of weather fronts from Tuesday.

Headline for Monday 26 Feb 2024: Dry and bright but feeling cold in the breeze.

Mountain weather hazards on Monday 26 Feb 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Fog	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	10%	10%	10%	<05%

Forecast for Monday 26 Feb 2024

Weather: Dry with clear spells overnight. Bright or sunny spells on Monday but feeling bitterly cold on the tops in the strong northeasterly breeze which will slowly ease during the afternoon. Isolated light wintry showers are possible but the majority of places staying dry.

Chance of cloud-free hill tops above 800m: 60% to start the day then becoming 90%.

Low cloud and visibility: Mainly very good visibility with clear views. A few patches of cloud shrouding the tops above 600m overnight and to start the morning.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 26 Feb 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	27/34 NE	27/33 NE	27/33 N	26/33 NE	23/31 NE	17/23 N	13/16 N	4/5 S	12/15 SW
600	18/26 NE	17/23 N	17/25 N	16/22 N	18/26 NE	15/21 N	10/14 N	3/4 SE	10/14 SW
300	6/21 NE	8/22 N	8/23 N	9/22 N	11/25 N	9/19 N	3/11 N	1/3 SE	5/11 SW
Valley	11/26 NE	9/23 N	8/22 N	9/21 N	12/24 NE	8/17 N	4/10 N	4/6 NE	4/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-2/-10	-3/-11	-3/-11	-2/-10	-0/-7	-2/-7	-1/-4	-3/-8
600	-1/-7	-1/-7	-1/-8	-1/-7	1/-6	2/-3	0/-4	0/-1	-1/-5
300	1/-2	1/-2	1/-3	2/-2	4/-0	5/2	2/1	1/-0	1/-2
Valley	4/0	4/0	3/-0	4/1	6/3	8/5	5/4	4/2	4/2
Freezing Level*	500m	500m	400m	400m	600m	700m	700m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A bright day but feeling bitterly cold with temperatures below freezing on the tops combined with a strong northeasterly breeze.

Forecast for Tuesday 27 Feb 2024

Weather: Dry overnight with a frost but cloud increasing by dawn. A cloudy day with outbreaks of rain arriving from the northwest with sleet or snow above 400m becoming confined to ground above 800m in the afternoon. Rain, sleet and snow will clear around late afternoon followed by a few showers, wintry on the tops.

Maximum wind: West or southwest 10 to 15mph increasing to 25 to 30mph gusts 45mph.

Chance of cloud-free hill tops above 800m: 70% at first, becoming 10% during the morning, then 70% from late afternoon.

Low cloud and visibility: Mainly good visibility at first with patchy summit cloud. Conditions deteriorate during the morning with extensive cloud and fog and sleet or snow above 400m giving some difficult navigation. Visibility becoming mainly good again late afternoon with brief deteriorations in the showers.

Temperature: **Valleys:** 0C rising to Plus 4C by dawn then 7 or 8C by afternoon.
At 800m: Minus 2C rising to Plus 2C in afternoon.
Freezing level: 400m then rising above summits by early afternoon, falling to 900m later.

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Sunday 25 February 2024. Location: Helvellyn summit at 12:27. Full report: A generally fine day with plenty of morning sunshine and cloud building up by early afternoon shrouding some of the higher fells. The snowline is around 600m and although snow cover is thin, drifts up to 50cm deep are present in sheltered areas, notably around north and east-facing corrie rims where small cornices are developing. Sunny south-facing slopes have lost the most snow cover over the past couple of days, and are often a mixture of snow and exposed ground, whereas shaded north-facing slopes still have more continuous cover. Steep and exposed routes such as the Helvellyn edges are in winter condition although with plenty of exposed rock. The snow on popular routes (such as these) has been compressed and is now quite icy, requiring care and good judgment. Microspikes are advisable as a minimum. Similar conditions are forecast tomorrow with sub-zero temperatures on the higher fells. Full winter clothing (warm and waterproof) including hats and gloves, and equipment including a map, compass, and headtorch are all essential. For anyone attempting routes over steep and exposed ground, an ice axe and crampons/microspikes are strongly recommended. Temperature: minus 0.2 C Maximum wind speed 12.5 mph Wind chill: minus 2.9 C Average wind speed: 7.8 mph.

Issued at: 1136 on Sun 25 Feb 2024

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